

Name : _____

Area of a Kite

T2L2S4

A) Find the area of each kite for the given measurements.

1) diagonal 1 = 12 in, diagonal 2 = 21 in

2) diagonal 1 = 66 ft, diagonal 2 = 72 ft

Area = _____

Area = _____

3) diagonal 1 = 87 yd, diagonal 2 = 95 yd

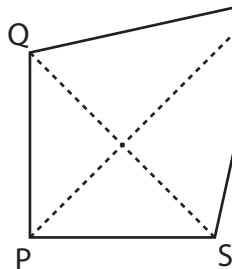
4) diagonal 1 = 53 in, diagonal 2 = 46 in

Area = _____

Area = _____

B) Find the area of each kite.

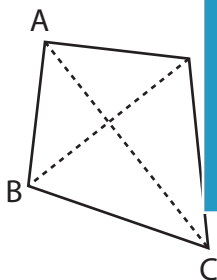
5)



PR = 39 yd, QS = 24 yd

Area = _____

7)



BD = 51 in, AC = 69 in

Area = _____

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LN = 98 yd, KM = 93 yd

Area = _____

9) If the diagonals of a kite measure 42 feet and 34 feet, determine the area of the kite.

Name : _____

Answer key

Area of a Kite

T2L2S4

A) Find the area of each kite for the given measurements.

1) diagonal 1 = 12 in, diagonal 2 = 21 in

Area = 126 in²

2) diagonal 1 = 66 ft, diagonal 2 = 72 ft

Area = 2,376 ft²

3) diagonal 1 = 87 yd, diagonal 2 = 95 yd

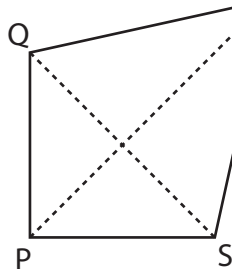
Area = 4,132.5 yd²

4) diagonal 1 = 53 in, diagonal 2 = 46 in

Area = 1,219 in²

B) Find the area of each kite

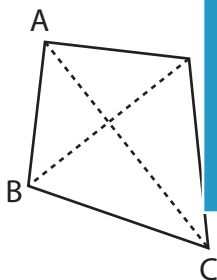
5)



PR = 39 yd, QS = 22 yd

Area = 448.5 yd²

7)



BD = 51 in, AC = 69 in

Area = 1,759.5 in²

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LN = 98 yd, KM = 93 yd

Area = 4,557 yd²

9) If the diagonals of a kite measure 42 feet and 34 feet, determine the area of the kite.

714 square feet